the area of Human Resource Development including food processing sector such as grapes, meat and poultry processing, through setting up of National Institute of Food Technology, Entrepreneurship and Management (NIFTEM), Indian Grape Processing Board, National Meat and Poultry Processing Board and Upgradation of Indian Institute of Crop Processing Technology (IICPT).

In order to give boost to growth of FPI sector, the Government has allowed under Income Tax Act, a deduction of 100% of profit for first five years and 25% of profits for the next five years in case of new agro processing industries set up to process, preserve and package fruits and vegetables. Fruit & vegetable products are already exempted from payment of excise duty.

Level of food processing

2462.SHRI LALIT KISHORE CHATURVEDI:
DR. GYAN PRAKASH PILANIA:
Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:

(a) whether India's present level of food processing is extremely low and if so, the details thereof;

(b) whether India's export of processed food in global trade is extremely poor;

(c) how India compares with neighbouring/developed countries;

(d) what has been the achievements during last five years; and

(e) the steps taken by Government to improve the situation?

THE MINISTER OF FOOD PROCESSING INDUSTRIES (SHRI SUBODH KANT SAHAY): (a) Although the processing level in our country has been low but it is improving now. The average processing level has improved from 6% in 2003-04 to 10% in 2007-08.

(b) India's share in global trade is 1.30%.

(c) The processing level in the country are relatively low as compared to the same in developed / some neighboring countries.

(d) During last five years the export data of processed food products is given below:

(Qty. in MT)

(Value in Rs. Lakhs)

2003-04		2004-05		2005-06		2006-07		2007-08	
Qty	Value	Qty	Value	Qty	Value	Qty	Value	Qty	Value
429798	112581	592281	155129	992556	262680	849258	267887	774849	245145

(Source: APEDA)

Exports of Marine products from India during the last five years is as given below:

Year	Quantity in Ton	Value Rs. Crore	Value US $(Million)
2004-05	461,269	6642.25	1477.49
2005-06	512,067	7239.23	1642.84
2006-07	612,549	8356.87	1851.45
2007-08	541.600	7614.15	1897.41
2008-09	1602,755	18601.46	1907.16

(Source: MPEDA)

(e) For the development of the food-processing sector, the Ministry of Food Processing Industries (MFPI) has taken various initiatives to strengthen the Food Processing Infrastructure; MFPI has approved a scheme for Mega Food Parks, Cold Chain, Value Added Centres and Modernization of Abattoirs. The Infrastructure scheme envisages a well-defined Agri/horticultural-processing zone containing state of the art processing facilities with support infrastructure and well established supply chain. It aims to provide a mechanism to bring together farmers, processors and retailers and link agricultural production to the market so as to ensure maximization of value addition, minimization of wastages and improving farmers' income. The primary objective of the scheme is to facilitate establishment of an integrated value chain, with processing at the core and supported by requisite forward and backward linkages.

Other strategic initiatives during 11th Plan include a scheme for Cold Chain, value addition and Preservation Infrastructure with an objective to provide integrated and complete cold chain and preservation infrastructure facilities without any break from the farm gate to the consumer. The scope of component of Integrated Cold Chain, Value Addition Centre, Packaging Centres and Irradiation facilities has been broadened to allow flexibility and project planning. Horticultural produce has been included for support under Integrated Cold Chain facilities. The scheme covers the following components:-

a) Minimal Processing Centres at the farm level and this centre is to have facility for weighing, sorting, grading, waxing, pre-cooling, CA/MA Cold Storage, Normal Storage and IQF.

b) Mobile Pre-cooling vans and Reefer Trucks.

c) Distribution hubs with CA/MA chambers/cold storage/variable humidity chambers, packing facility, CIP Fog treatment, IQF and blast freezing.

d) Irradiation facility.

Modernization of Abattoirs is a scheme-targeting infrastructure for the meat processing industry. It aims to upgrade qualitative and quantitative capacities of the abattoirs, which will be linked, with

commercial processing of meat, both for domestic consumption and exports. The financial assistance (grant-in-aid) is being extended at 50% and 75% of the cost of plant & machineries and technical civil works in general and difficult areas respectively subject to a maximum of Rs. 15 crores for each project. The Ministry has approved (in principle) to set up ten abattoirs in the country with a total cost of Rs. 127.00 crores. An amount of Rs.7.94 crores has been released.

Further, the Ministry has several other schemes for promotion of the food processing industry. The Scheme for Technology Upgradation/Establishment/ Modernisation of Food Processing Industries is aimed at creation of new processing capacity and up-gradation of existing processing capabilities, modernization of Food Processing Sector to include Milk, Fruit & Vegetables, Meat, Poultry, fishery, cereal, consumer items, oil seeds, rice milling, flour milling, pulse etc.

Similarly Scheme for Quality Assurance, Codex Standards, R&D and Promotional Activities, is aimed at motivating the food processing industries for adoption of food safety and quality assurance mechanisms such as TQM including ISO 14000, ISO 22000, HACCP, GMP, GHP, and preparing them to face global competition in post WTO Regime. The scheme is also aimed at ensuring that end product / outcome / findings of R&D work should benefit Food Processing Industries in terms of product and process development, improved packaging, value addition and leading to innovative products and processes, with commercial value.

The Scheme for Human Resource Development focuses on developing technologists, managers, Entrepreneurs and manpower for quality management in Food Processing. The scheme also aims at development of rural entrepreneurship and transfer of technology for processing of food products by utilizing locally grown raw material and providing "Hands-on" experience at such production cum training centres, while according priority to SC/ST/OBC and women minorities candidates.

The Scheme for Strengthening of Institutions is aimed at strengthening of existing institutes like Indian Institute of Crop Processing Technology & establishing National Institute of Food Technology and Entrepreneurship Management (NIFTEM). The objective of NIFTEM is to promote cooperation and networking amongst existing institutions both within the country & international bodies, create a complete database on domestic resources and bring in international best practices for improving the food-processing sector. Besides above-mentioned institutions, two Boards have been set up under the Ministry *i.e.* Indian Grape Processing Board and National Meat and Poultry Processing Board under the scheme.

Fish processing technology

2463.SHRI A. ELAVARASAN: Will the Minister of FOOD PROCESSING INDUSTRIES be pleased to state:

(a) whether it is a fact that though the domestic fish production is touching over 7.25 million tones annually and 50 per cent is exported to ASEAN region, their processing level still remains stagnant;